# BLAUPUNKT

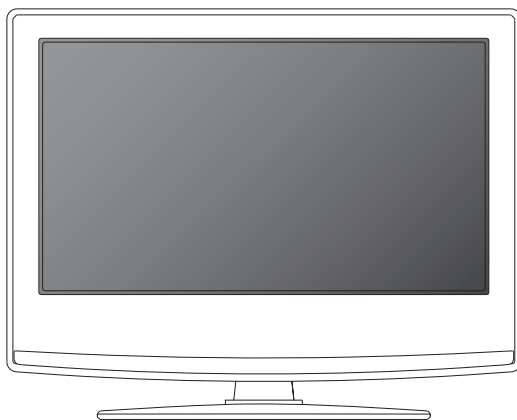## HD Ready LED TV with Freeview, DVD Player & USB Media Player

## User Guide

Model No
23/157J-GB-3B-HKDU-UK

# Important safety instructions

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

Please read these instructions. All the safety and operating instructions should be read before the appliance is operated.

## Warnings

• To reduce the risk of fire, electric shock or damage to the television, do not expose it to dust, rain or moisture, or place any objects filled with liquids on or near the television.
• Do not place the television in a confined space, ensure that nothing can obstruct the ventilation openings at the rear of the television.

To prevent the spread of fire, keep candles or
other open flames away from this product at all times

• Dispose of this television and any components including batteries in an environmentally friendly manner. If in doubt, please contact your local authority for details of recycling.

## Safety

• For your safety, this appliance is fitted with a fused moulded 3 pin mains plug. Should the fuse need to be replaced, ensure that any replacement is of the same amperage and approved with the BSI mark.
• The television should be connected to a main socket outlet with a protective earthing connection.
• Never try and replace the mains plug unless you have adequate qualifications and are legally authorised to do so. In the event that a replacement Mains cable is required, contact the manufacturer for a suitable replacement.
• Never use the television if it is damaged in any way.
• Always place the television on a flat level surface avoiding anywhere which may be subject to strong vibration.
• Ensure the television is not placed on top of the power cable as the weight of the television may damage the cable and cause a safety hazard.
• Never place mobile phones, speakers or any other device which may cause magnetic or radio interference with the television. If interference is apparent, move the device causing the interference away from the television.
• To disconnect the apparatus from the mains, please use the all pole mains switch located on the side, underside or rear of the TV. The switch shall remain readily operable.
• Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
• Install the product at least 5cm from the wall for ventilation.

## Maintenance

• To clean this unit, wipe with a soft, dry cloth. If the surfaces are extremely dirty, use a soft cloth dipped in a soap and water solution or a mild detergent solution.
• Use eyeglass cleaner to remove stubborn dirt from the LCD/LED Screen.
• Never use alcohol, paint thinner or benzene to clean this unit.
• Before using a chemically treated cloth, read the instructions that came with the cloth carefully.

Mild
detergent

CAUTION: If water or other liquid enters the television through the display panel surface or back cover a malfunction may occur.

## Packaging

• The safest way to transport your item is in the original box/packaging - please save your packaging for this.
• You will need original box/packaging in the event of warranty/service repair or support. We are unable to carry out warranty/service if you are unable to package it correctly.

**CAUTION**
RISK OF ELECTRIC SHOCK
DO NOT OPEN

Please read these instructions. All the safety and operating instructions should be read before the appliance is operated.

## Important Information Regarding Use of Video Games, Computers, Captions or Other Fixed Image Displays

The extended use of fixed image program material can cause a permanent "shadow image" on the LCD panel.
This background image is viewable on normal programs in the form of a stationary fixed image. This type of irreversible LCD/LED panel deterioration can be limited by observing the following steps:

1. Reduce the brightness/contrast setting to a minimum viewing level.
2. Do not display the fixed image for extended periods of time.
3. Turn the power off when not in actual use.

Examples of images that you need to watch out for are as follows (this is not an exhaustive list):
• TV Channel Logos: e.g. Shopping channel logos and pricing displays-especially if they are bright and stationary.
•  Moving or low-contrast graphics are less likely to cause ageing of the screen.
• Time Displays
• Teletext: Do not view a stationary page for a long period of time
• TV/DVD Menus: e.g. Listings of DVD disc content
• Pause Mode: Do not leave the TV in pause mode for long periods of time, e.g. When watching DVDs or videos.

Important - Once 'shadow image/screen burn' occurs, it will never disappear and is not repairable under warranty.

## How do I dispose of this product?

UK: Waste electrical products should not be disposed of with household waste. Separate disposal facilities exist. For your nearest facilities, please see www.recycle-more.co.uk or in store for details.

ROI: Waste electrical products should not be disposed of with household waste. Separate disposal facilities exist. Check with your Local Authority or retailer for recycling advice.

Batteries
• Observe the correct polarity when inserting batteries.
• Do not use different types of batteries together or mix old and new batteries.
• Dispose of batteries in an environmentally friendly way.
• Certain regions may regulate the disposal of batteries.
  Please consult your local authority.

Cd

---

**CAUTION:**

THIS UNIT IS A CLASS 1 LASER PRODUCT AND USES A VISIBLE LASER BEAM WHICH COULD CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE THE PLAYER CORRECTLY AS INSTRUCTED.
WHEN THIS UNIT IS PLUGGED INTO THE WALL OUTLET, DO NOT PLACE YOUR EYES CLOSE TO THE OPENINGS TO LOOK INTO THE INSIDE OF THIS UNIT.
USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

# Contents

## Accessories

Supply of this TV includes following parts:

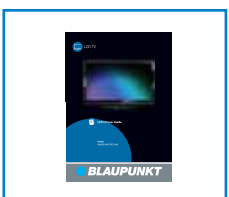| | |
|---|---|
| 1x TV | 1x  TV  Stand Installation Packet |
| 1x Remote Control | 1x RF Cable |
| 2x AAA Batteries | 1x Mini Component to Component Cable |
| 1x Quick Start Guide | 1x Mini CVBS to CVBS cable |
| 1 x User Guide | |

Please save your packaging as you will need this in the event of warranty/service repair or support. We are unable to carry out warranty/service if you are unable to package it correctly. The safest way to package your item in the event of warranty/service repair is in it's original box/packaging.
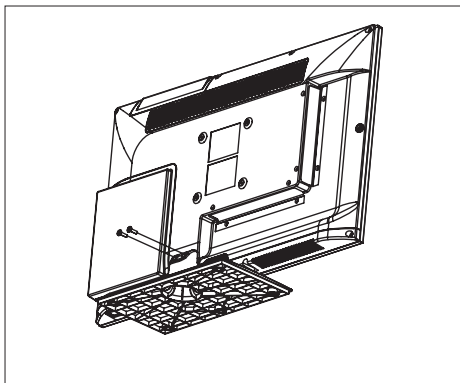
# Attaching the stand

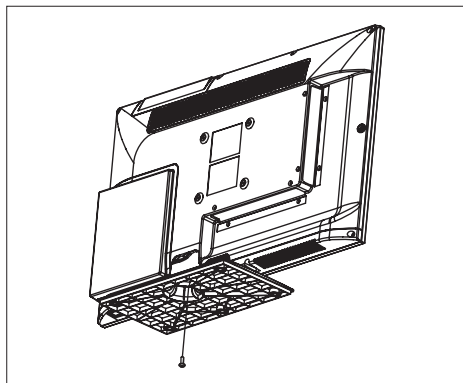To complete the stand installation you will need a crosshead type screw driver.

Place the TV set on a flat and clean surface with the panel facing downwards to avoid damage.
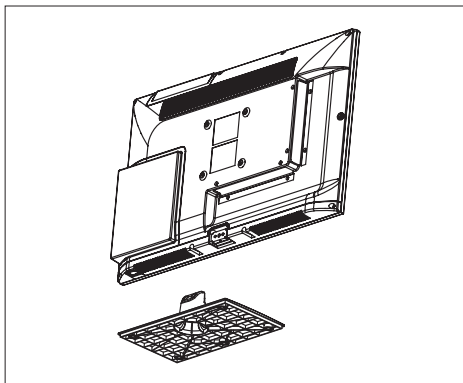


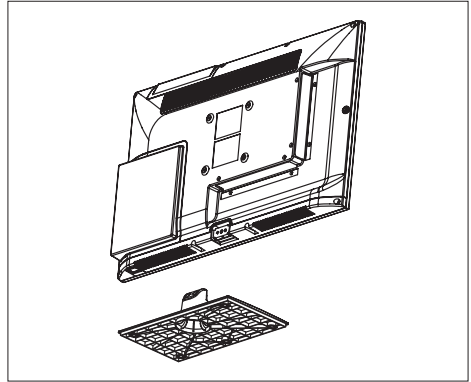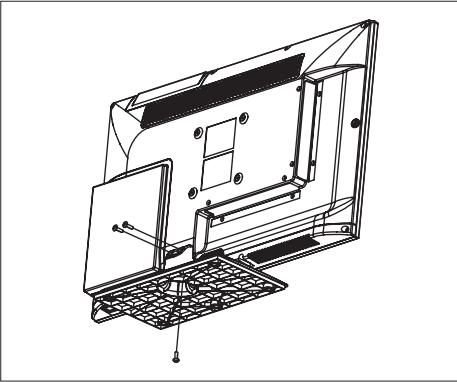**(fig.1)** Attach the stand neck to the rear of the TV set



**(fig.2)** Connect the stand neck and base to the TV by using the screws provided



**(fig.3)** Secure the base and neck to the TV by using the screws provided for underneath the stand base.

# Detaching the stand

To detach the stand please remove the 3 screws highlighted below and remove the stand from the rear of the TV set.

## Wall mounting the TV

**Important** - If you mount this television on the wall, use only the screws holes for wall mounting. Using other screws can cause irreparable damage to internal components.

1. Remove the four screws
2. The wall mount can now be easily attached to the mounting holes on the rear of the TV. These holes are indicated in the picture below.
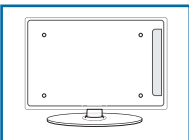
For optimum viewing, if wall mounting the TV higher than eye level, the TV should be tilted downwards so that the TV's screen is 'face on'. See fig 1 and 2
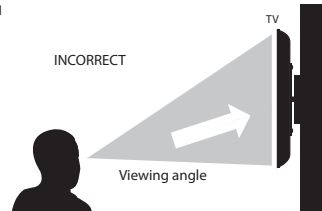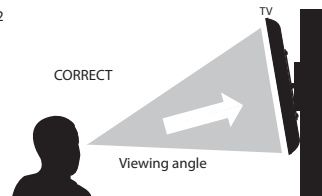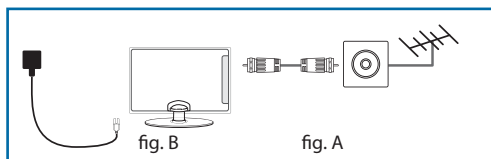
fig 1

INCORRECT

TV

Viewing angle
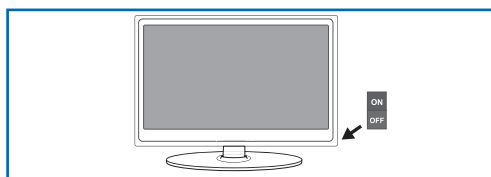
fig 2

CORRECT
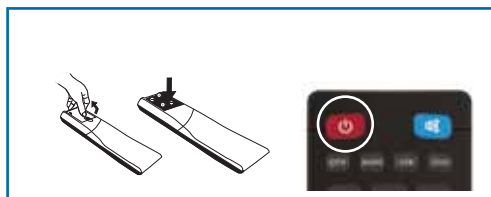
TV

Viewing angle

# Getting started - initial set up

1. Using the RF cable supplied, connect the TV to the TV Aerial wall socket (Fig A).
2. Connect the power cable to the Electrical outlet (Fig B).



fig. B          fig. A

3. Turn on the device with marked ON/OFF switch



4. Insert the batteries supplied into the Remote control and press the Standby button to power on the TV.



5. You will now be welcomed with the initial set-up screen. If it does not appear, on the remote control, please press [MENU] then 8-8-8-8 and the menu will appear. Press OK on the remote control and tuning will start. *



6. After tuning the following screen will appear. *
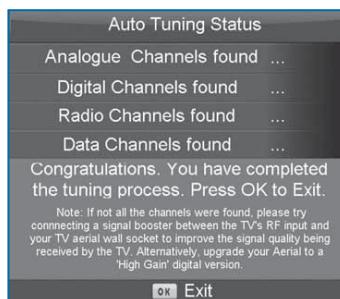


* Screen shots/images are shown for illustration purposes only and may change dependent on model/region.

## How to connect a signal booster
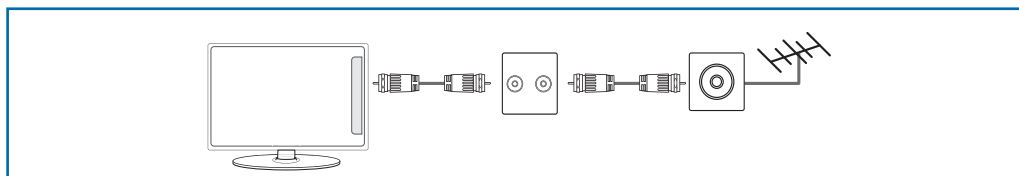


If you are missing channels, the reason for this is likely to be signal strength, you should consider a connecting signal booster and re-tuning the TV.

As part of our ongoing development to reduce power consumption, we have added an extra function to this Television called 'Ecohome' (you will see this during the first time installation set up). Power consumption using the Ecohome function is approximately 15% lower than some other modes. The picture brightness is reduced using the Ecohome function. If this function is not suitable for your viewing environment, you can select other modes as necessary.  (Please note, 'Professional' mode is for optimum default picture settings, however, power consumption is approximately 15% higher than 'Ecohome' mode)
Please refer to the user guide section 'Picture settings' in order to change the mode to one that maybe more suitable for your environment. There is also a shortcut button on the remote control called 'P-Mode' should you wish to change to another mode.
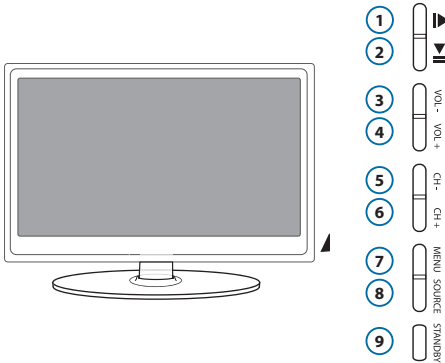
| 1 | Eject |
|---|---|
| 2 | Play/Pause |
| 3 | Volume down and menu left |
| 4 | Volume up and menu right |
| 5 | Programme/Channel down and menu down |
| 6 | Programme/Channel up and menu up |
| 7 | Displays Menu/OSD |
| 8 | Displays the input source menu |
| 9 | Standby Power On/Off |

## Choosing Mode Input/Source

To switch between the different input/connections.

a) Using the buttons on the remote control:

1. Press [SOURCE/ AV] - The source menu will appear.
2. Press [▼] or [▲] to select the input you require.
3. Press [OK].

b) Using the buttons on the Television:

1. Press [SOURCE].
2. Scroll up / down using CH+/ CH- buttons to the input/ source you require.
3. Press Vol+ to change input/source to the one selected.

# Remote control
## TV with USB

**1**
STANDBY - Switch on TV when in standby or vice versa
MUTE - Mute the sound or vice versa
DTV - Switch to Digital mode
RADIO - Switch to radio whilst in Digital source
▭ USB - Switch to USB Source
⊙ DVD - Switch to DVD mode

**2**
NUMBER BUTTONS - 0 – 9 to select a TV channel directly.
TV GUIDE - Opens the 7 Day TV Guide (Digital mode)
⟳ - To return to the previous channel viewed

**3**
VOL ▲/▼ - To increase / decrease the sound level
P.MODE - Scrolls through picture mode options
S.MODE - Scrolls through sound mode options
FAV - To display favourites menu
CH ▲/▼ To increase or decrease the channel being watched
MENU - To display OSD menu
EXIT - To exit all menus
(▲/▼/◄/►/ OK) - Allows you to navigate the on-screen menus
and adjust the system settings to your preference
SOURCE/AV - To display the input/source menu
INFO - Press once for now/next channel information
    Press twice for programme information about current
    programme

**4**
ASPECT - To switch the screen between the different picture
formats
SLEEP - Press repeatedly to cycle through the sleep options
AUDIO - To change the audio language (if available)
SUBTITLE - To switch the dialogue at the bottom of the screen
(on/off)
TEXT/DVD ZOOM -
    ⊙ DVD Zoom - To zoom in
      TEXT - Teletext mode - To enter Teletext
TEXT HOLD - Teletext mode - Hold current page which is
displayed
DISPLAY - To switch off the screen when listening to radio
⊙ DVD MENU - Access the DVD menu
    ⊛ - To restart the current chapter
    ⊛ - To advance forward to the next chapter
    ⊛ - To stop the playback/Eject Disc
    ⊛ - To play in fast rewind mode
    ⊛ - To play in fast forward mode
    ⊛ - To play/pause
▷ REC LIST - Opens the list of what you have previously recorded
▭⊙▷ GOTO - To go to a specific chapter
▭⊙▷ A-B - Press once to set point, press a second time to return to
point
⊙ ANGLE - Select different angle of DVD
△ 3D - Change to 3D mode
▭⊙▷ REPEAT - To repeat playback

---

**KEY**

⊙ For Models with Integrated DVD players

▥▷ For Models with PVR Function

▭ For Models with USB Playback

△ For Models with 3D Feature
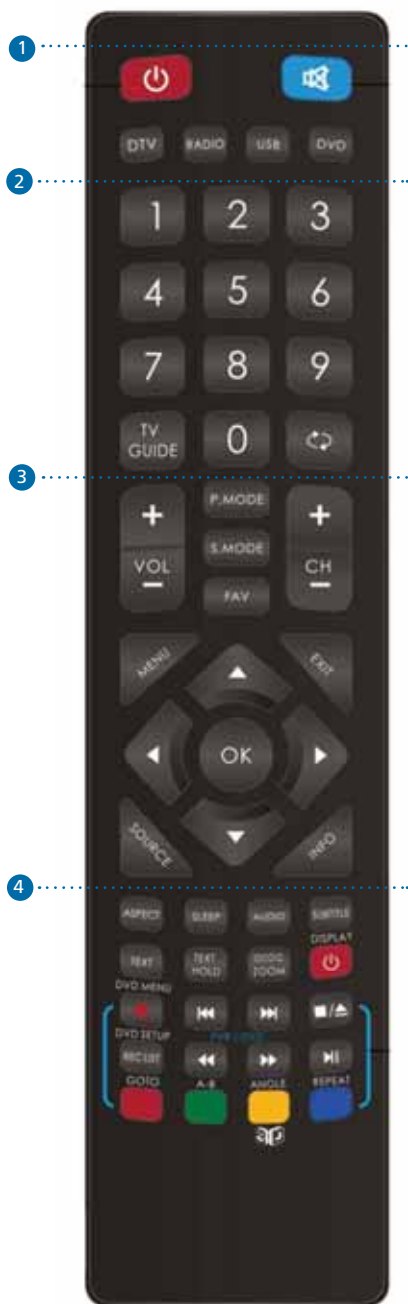
# Connections

## Connections

| | | |
|---|---|---|
| 1 | **HDMI 2 in** | HDMI input |
| 2 | **USB** | USB Input |
| 3 | **EARPHONES** | 3.5mm Earphone output |
| 4 | **CI Card IN** | Common Interface Module Input |
| 5 | **HDMI 1 in** | HDMI input |
| 6 | **VGA(PC) In** | VGA-PC input |

| | | |
|---|---|---|
| 7 | **VGA(PC) Audio in** | 3.5mm PC Audio in |
| 8 | **YPbPr** | Component HD input |
| 9 | **AV in** | Audio/Video Input |
| 10 | **RF in** | RF / TV Aerial input |
| 11 | **COAX Audio Out** | Digital Coax Output |
| | | |
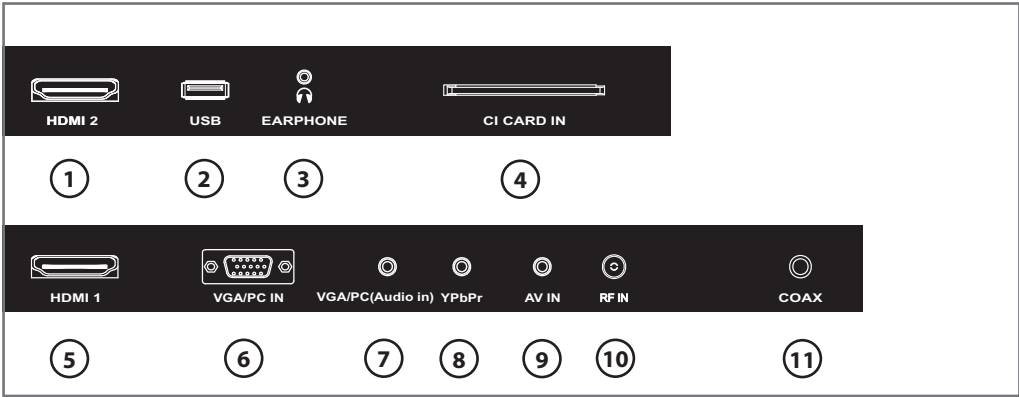
# Connections

## Connecting a Camcorder, Camera or Games Console

TVs Input / Source should be set to Video.
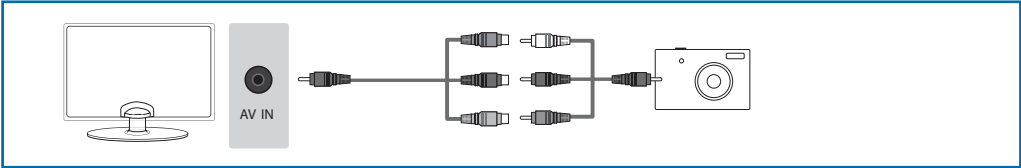


## Connecting a High Definition (HD) Device

Option 1 - via HDMI to HDMI cable
A HDMI cable can output both video and audio and enables you to enjoy digital-quality video and audio with minimal loss of quality.
TVs Input/Source should be set to the corresponding HDMI input.
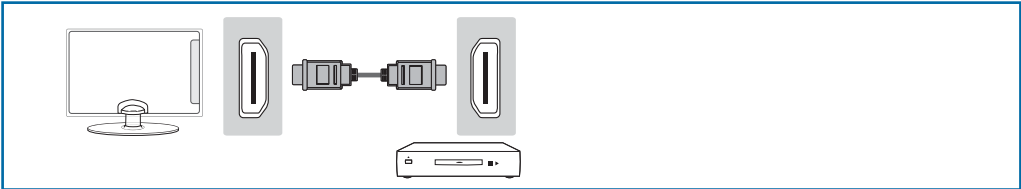


Option 2 - via Component cable.
If you are supplied with a cable from the device which has RED, GREEN, BLUE, RED & WHITE connectors you must use  included YPbPr to MINI YPbPr cable adaptor to connect via Component (for picture) and by phono cable (for sound).
TVs Input / Source should be set to Component YPbPr.

## TV Menu Operation

To access this menu, press [MENU] button on the remote control. To enter a menu press [OK]
If you wish to make changes to any of the default settings, use the scroll (▲/▼/◀/▶) buttons. To confirm any settings press [OK] button.
To exit this menu at anytime, press [EXIT] button.
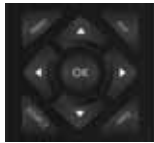
## Channel menu

**Auto Tuning** - Allows you to retune the television for all digital channels, digital radio stations and analogue channels.

**ATV Manual Tuning** - Allows you to manually tune your analogue signal.

**Freeview Manual Tuning** - Allows you to manually tune your digital signal.

**Programme Edit** - Allows you to delete, skip and add favourite channels.

**Schedule List** - Lists your programme reminders.

**Signal Information** - Displays signal strength and quality information.

**CI Information** - Pay per view services require a "smartcard" to be inserted into the TV. If you subscribe to a pay per view service the provider will issue you with a 'CAM' and a "smartcard". The CAM can then be inserted into the COMMON INTERFACE PORT (CI Card In).
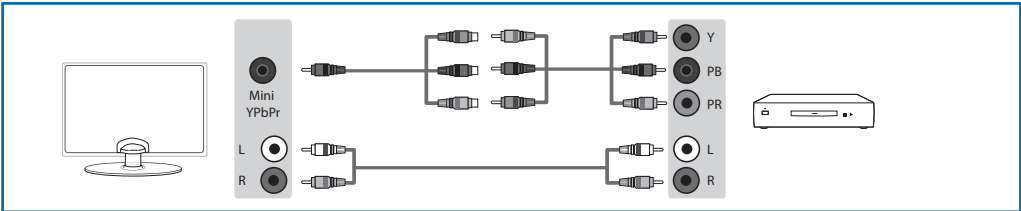
## Picture menu

**Picture Mode** - Choose from the following presets.

| Standard | Default settings |
|----------|------------------|
| Dynamic | Recommended settings for fast moving pictures |
| Mild | Set to be lighter in colour and less bright |
| Personal | Lets you manually alter all the settings |
| Ecohome | Power saving mode which reduces the energy used by up to 25% (by reducing the power to the LED/LCD panel). In Ecohome mode, the TV will switch itself to Standby mode after 4-5 hours in the event that the TV buttons or remote control buttons are not pressed (see the time menu to de-activate this function). |

**Contrast** - Switch the balance between black and white.

**Brightness** - Increase or decrease the brightness of the picture.

**Colour** - Increases the colour from black and white.

**Tint** - Lets you increase or decrease the level of tint within the picture.

**Sharpness** - Increase or decrease the sharpness of the picture.

**Colour Temperature** - Choose from the following presets.

| Normal | Default settings |
|--------|------------------|
| Warm | Increases red within the picture |
| Cool | Increases blue within the picture |

**Noise Reduction** - Choose from the following presets.

| Off | Turns noise reduction off |
|-----|---------------------------|
| Low | Minor system adjustment |
| Middle | Medium system adjustments |
| High | Maximum system adjustments |
| Default | Default settings |

# TV Menu operation
## Sound menu | Time menu | Lock menu

## Sound menu



**Sound Mode** - Choose from the following presets:

| Standard | Default settings |
|---|---|
| Music | Emphasises music over voices |
| Movie | Provides live and full sound for movies |
| Personal | Selects your personal sound settings |
| Sports | Emphasises sound for sports |

> Tip: Treble and bass levels can only be adjusted when the sound mode 'Personal' is selected.

**Treble** - To adjust the amount of high frequency within the sound.

**Bass** - To adjust the amount of low frequency within the sound.

**Balance** - To switch the sound between the left and right speakers.

**Auto Volume Level (AVL)** - When 'on' is selected, the volume will stay at a constant level regardless of input/source.

**Digital Output** - This is the digital COAX Audio output. Choose from the following options:

| Off | Default settings |
|---|---|
| Auto | Emphasises music over voices |
| PCM | Select this option if you are connecting to a Stereo Hi-fi via coax cable (Pulse-code modulation (PCM) is a digital representation of an analogue signal) |

**AD Switch**- This allows the user to turn AD (Audio Description) on or off (Audio Description is a service available on certain programmes. It provides a description of what is happening during the selected programme for a person who is visually impaired)

## Time menu



**Clock** - Set the date and time.

**Off Time** - Allows you to set a specific time for your TV to turn off.

**On Time** - Allows you to set a specific time for your TV to turn on, the channel it will then display, the source it will be on and also the volume. This function can then be toggled to repeat every day or a certain day.

**Time Zone** - Change your current time zone

**Sleep Timer** - Lets you set the sleep timer so the television automatically switches off after a set amount of time. Off -> 10min -> 20min -> 30min -> 60min -> 90min -> 120min -> 180min -> 240min.

**Auto standby** - Toggle the Function on and off.

**OSD Timer** - Lets you adjust the amount of time the On Screen Menu stays on the screen before disappearing

## Lock Menu



**System Lock** - Allows you to lock or unlock the menu. You will be asked to enter a 4 digit password use the ◄ button to quit the password input. Use the ► button to clear. Default password is 0000.

**Key Lock** - Allows you to lock the buttons on the side of the TV set

**Parental Guidance** - Allows you to set the rating to block certain content based on age information

**Default Source** - Allows the user to set the default source. The default source is the source the TV starts on when first switched on

**Default Channel** - Allows the user to set a channel as the default channel on the Digital source. The default channel is the channel the TV starts on when first switched on

**Source Lock** - Allows you to lock the source menu

**Channel Lock** - Allows you to lock certain channels manually

**Max Volume** - Allows you to adjust and set the maximum volume

**Change Password** - Allows you to change the password

## Setup menu

**Language** - Allows you to change the language of the menu.

**TT Language** - Encoding settings for the proper display of teletext characters

**Audio language** - Allows the user to change the audio language

**Subtitle Language** - Allows the user to change the subtitle language

**Hearing Impaired** - This allows the user to turn on the Hearing Impaired function, this produces subtitles on the screen which provide a description of what is happening during the selected program.

**Aspect Ratio** - Within the EU the picture format varies depending on the channel/broadcast. There are a number of different options to best meet your needs.

**Auto** - Automatically displays the best picture format. So the picture is in the correct position. May have black lines at the top/bottom and/or sides.
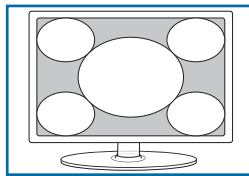
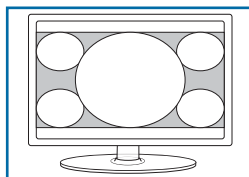**Original** - Will display the picture from the broadcaster without any change.
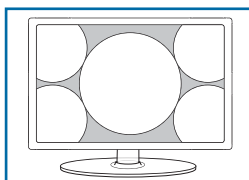
**Zoom** - The picture is the correct proportion but zoomed in to fill the screen.
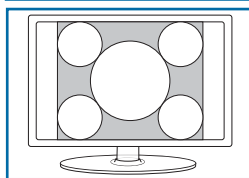
**4:3** - Displays the 4:3 picture in its original size. Side bars are shown to fill the 16:9 screen.

**16:9** - Fills the screen with a regular 16:9 signal and the 4:3 signal will be streched to fill the screen.

**14:9** - Displays the 14:9 picture in the correct proportion. As a result side bars are shown on the screen.

**Blue Screen** - Changes the background when there is no input between clear and a blue background (Only available on some sources).

**Reset:**

**Reset Menu System -** This resets the menus to factory settings.

**Reset TV Channels** - This clears all the TV channels from the television.

**Software Update (USB)** - From time to time we may release new firmware to improve the operation of the television (available to download). This menu lets you install the new software/firmware onto the television. Further details of how to do this will be issued with the firmware. Contact the helpline or refer to the 'product support' section of the website.

* after proper software update, remove USB device from TV and delete softwares from USB device.

**HDMI CEC (Consumer Electronic Control)** - Allows HDMI devices to control each other and allows the user to operate multiple devices with one remote control. (only available with compatible devices)

# TV Menu operation
## Using the  television as a computer monitor

IMPORTANT – Before connecting the computer to the television you must ensure the computer settings are correct for the television. You MUST do this using your old monitor.

How to set up for Windows XP, Windows Vista & Windows 7 (connecting via VGA cable to the TV).

1. Switch on your computer.
2. When finished booting up right click your mouse anywhere on the screen.
3. Left click your mouse on Properties/Personalise.
4. Left click your mouse on Setting/Display Settings. Ensure the screen resolution is set to what is shown in the technical specifications section toward the rear of this user guide. To correct the resolution to that of the television move the slider.
5. Left click your mouse on Advance/Advanced Settings and left click on Monitor.
6. Left click on the drop down for Screen refresh rate and select 60 Hertz, if you experience picture noise or 'flickering', select 50 hertz or 70 hertz.
7. Click on Apply, then click Yes and the settings will be saved.
8. Now switch off your computer and connect the television (as shown).
9. Switch on the TV, select the input/source to VGA/PC and re-start your PC.

### Connecting a Laptop

In addition to the above if you are connecting a laptop to the television you will also need to activate the VGA connection on the laptop. This can vary based on the brand of laptop you have, on many brands/models, it is as per below.

1. Connect the laptop to the television.
2. On the Laptop push buttons The screen will now switch to the television.

Windows XP          Windows Vista          Windows 7



Fn  +  F5 ▯/▯
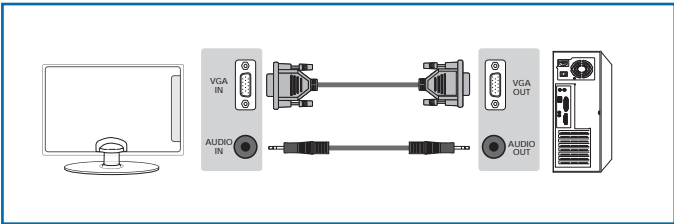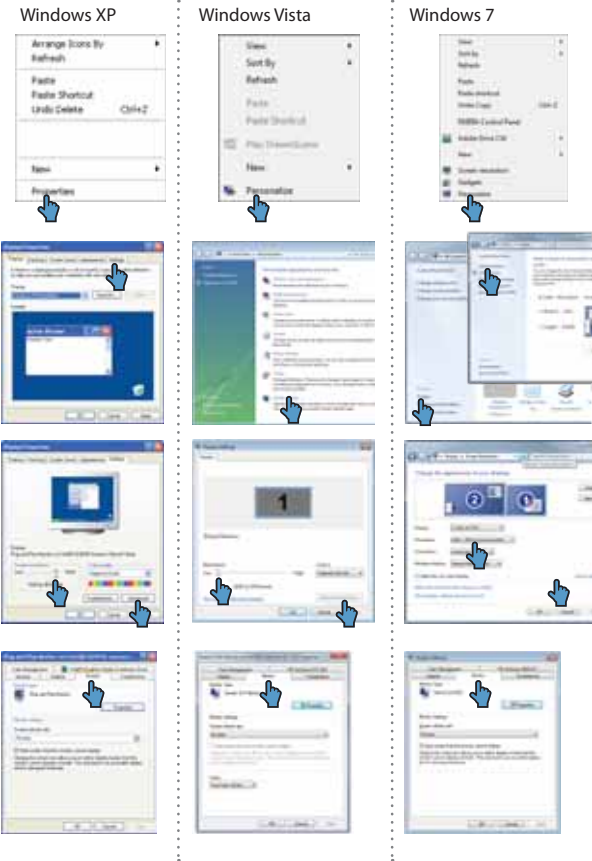
## PC Settings



**Auto Adjust** - Lets you automatically configure the television to be used as a computer monitor

**H Offset** - Changes the horizontal position of the picture

**V Offset** - Changes the vertical position of the picture

**Size** - increase picture size

**Phase** - To adjust delay time of phase in order to reduce the noise of picture

**Position Reset** - Changes back to the original settings

Tip: If the computer is left in-active for a period of time, the television will switch into a 'sleep' state (the screen will power off to save power). To switch back on press the standby button.

## 7 Day TV Guide



TV Guide is available in Digital TV mode. It provides information about forthcoming programmes (where supported by the Digital channel). You can view the start and end time of all programmes and on all channels for the next 7 days and set reminders.

# TV Menu operation
## DVD Menu



**TV Display** - Some DVD discs have been authored in 4:3 aspect ratio format. To see the material in its original mode, you may need to change the aspect ratio.

| Normal / PS (Pan&Scan) | Black edges left and right will be seen |
|---|---|
| Normal / LB (Letter Box) | Top and bottom of the screen may be black |
| Wide 16:9 (Widescreen) | Full width picture but may have black areas top and bottom |
| OSD Language | Select the OSD Language, "English" is the default language |

**Last Memory  ON/OFF** - You may want the player to remember where you finished watching a DVD and then removed the DVD disc, the player will automatically remember the point it stopped playing. When the disc is re-inserted the player will continue from the same point.
*Note:- if you put in a different disc the memory will be cleared for the previous disc.*

**Downmix** - Choose from the following options

| Stereo | Converts from multi-channel sound to stereo |
|---|---|

**TV System** - Select from PAL TV (UK Default), AUTO, Detects TV system from the disc information. NTSC, USA picture mode.

| Audio | Select audio using the ▲/▼ buttons. The languages available will be shown in the right column. Select the required language using the ►/ ▼. "English" is default language. If the disc has English it will play the soundtrack in English |
|---|---|
| Subtitles | Select Subtitle using the ▲/▼ buttons. The languages available will be shown in the right column. Select the required language using the ►/ ▼ buttons. the default language is "English". If the disc has English it will display the subtitles in English |
| Disc Menu | Select Disc Menu using the ▲/▼ buttons. The languages available will be shown in the right column. Select the required language using the ►/ ▼. buttons. the default language is "English". If the disc has English it will display the menu in English |
| Parental | Select Parental using the ▲/▼ buttons. Enter the list using the ► button. Set the level using the ▲/▼ buttons and press "OK". You will be asked for the password (0000). "the default is ADULT" **PASSWORD:** Select password using the ▲/▼ buttons. Select Change using the ► button and "OK". Put in the old password then you will be prompted to put in the new password twice and press "OK" **DEFAULT:** Selecting Default will reset your personal settings to the factory settings for the DVD setup menu. |

**Tip:**
This TV/DVD player is pre-set to play Region 2 DVDs.
In the event you wish to use the TV/DVD in another country that uses different region discs, please visit www.umc-uk.co.uk. Select 'Product Support', 'Changing Region'.

# TV Menu operation
## USB mode / Media player

USB mode offers playback of various different types of content that you have saved on your USB Memory Stick.
Please refer to technical specification page for compatible file types
On switching to USB source the above menu screen will appear. The content will be divided into Photo, Music, Movie and Text based on file type.



You can navigate through the menus using the scroll
▲/▼/◄/►buttons. To confirm the item you wish to play/view
press [OK] button.



You can now access the item. Press OK to view.
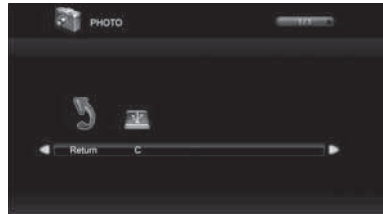


Select the drive you require. (If your drive only has 1 partition you will only see 1 item).



While viewing you control the item using or by pressing ( i ) and using ▲/▼/◄/► and (OK) shown in fig (1) below

Fig (1)

# OPERATING THE TV WITH A UNIVERSAL OR SKY (BSKYB) REMOTE CONTROL

## Option 1) Connecting your TV to your Sky box (when both the TV and Sky Box are located in the same room)

Depending on your Sky Box & TV model, connect either by SCART or HDMI cables (available separately)

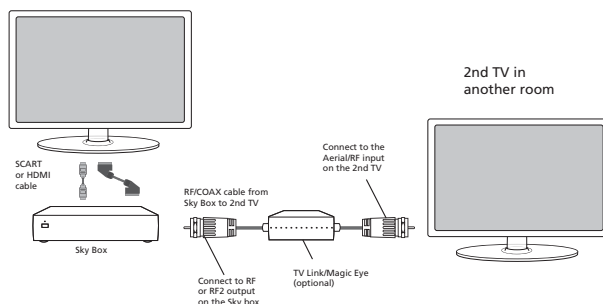If connecting by SCART, select the 'Input source' on the TV as SCART.

If connecting by HDMI, select the 'Input source' on the TV as HDMI (if the TV has more than 1 HDMI port, ensure you select the input source to match the HDMI numbered port on the rear of the TV)

If you wish to use your Sky remote to operate the TV's functions, you will need a Sky remote control (Revision 9 or later) and you will need to programme a 4 digit code into it.  See bottom of this page.

SCART or HDMI cable
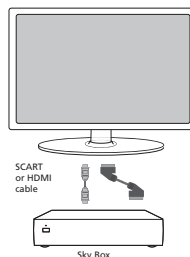
Sky Box

## Option 2) Connecting your TV to your Sky box (when your Sky box is located in a different room to the TV)

Please note, if you are adding a 'Magic Eye/TV Link' to your system so that you can use your Sky remote control to change the Sky channel in the room where the 2nd TV is located, please refer to the instructions included with the TV link/magic eye in order to ensure the RF or RF2 output on your Sky box is powered on. (The red LED light on the TV link/magic eye will light up if the RF / RF2 output is correctly set up)  If you do not have the instructions that came with the TV link/magic eye, instructions on how to do it can be found on our web site.

SCART or HDMI cable

Sky Box

RF/COAX cable from Sky Box to 2nd TV

Connect to RF or RF2 output on the Sky box

TV Link/Magic Eye (optional)

2nd TV in another room

Connect to the Aerial/RF input on the 2nd TV

1) To tune the TV to the Sky box, on the 2nd TV, select the 'Analogue' input source.
2) Select the channel that you wish to store the Sky box/channel on. (If you do not use channels 1-5 because you no longer have analogue terrestrial channels after digital switchover, you may choose to select channel 1 to store the Sky box/channel, if you still have and use analogue channels 1-5, you may for example decide that channel 6 is the best option for you)
3) Press the corresponding number on the remote control to select the desired analogue channel chosen as per point 2 above.
4) On the TV remote control, press Menu. Now navigate through the menus to select Manual Tuning or Analogue Manual tuning (refer to the Tuning/Channel menu section of this user guide if necessary)
5) Manually tune in the channel (usually, the Sky box is at a frequency between 800Mhz and 850Mhz) once the Sky box/channel is found, press 'OK' to store it.

If you wish to use your Sky remote to operate the TV's functions, you will need a Sky remote control (Revision 9 or later) and you will need to programme a 4 digit code into it.  See below.

### Using a Sky Remote or a Universal Remote to operate your TV

Sky Remote Control, If you wish to use your Sky remote to operate the basic functions of your TV, you need to programme a 4 digit code into it. Please note. you will need the latest Sky Revision 9 remote control as this is the only version that includes the latest software/firmware necessary to operate this model of TV.  All codes can be found on our website. If you wish to upgrade/replace your existing Sky remote control to the latest version, you can do so on our web site.

Universal Remote Control, If you wish to use a Universal remote control to operate your TV, please refer to the web site for a full list of codes.  (Please note we only have codes for One for All branded remote controls, if you have an alternative brand of Universal remote, please refer to the manufacturer for the code.)

# Frequently asked questions

| General | I would like to have louder sound by connecting additional speakers. | There are 2 options:<br>1) Use Digital COAX output connected to an external amplifier/surround sound system.<br>2) Use the 3.5mm headphone output and a 3.5mm to phono cable (available separately) to connect to an amplifier/surround sound system. |
|---|---|---|
| General | Why are some options in the menu unavailable and greyed out. | Some options are only available in certain sources, i.e. HDMI, PC/VGA. They are unavailable in the other sources where they have no affect. |
| General | Can I stop my TV turning off after 4hrs? | Yes<br>1) In the picture settings menu, de-select Eco-home<br>2) In the time settings menu, scroll down to Auto standby and select OFF |
| TV | I have tuned in Digital TV but I am not receiving any or all of the channels and/or the channels I receive are breaking up. | 1) Check you are in an area that can receive Digital TV .<br>2) Check you are using an aerial that is able to receive a good digital signal. In most cases, you will need an outdoor digital hi-gain/wideband aerial. In areas that have excellent digital coverage, you may be able to use a loft type aerial but it is highly likely that you will also need to connect a booster between the back of the TV and the TV aerial wall socket. Unfortunately, to receive a good enough digital signal, it is not possible to use a portable/indoor type aerial. |
| TV | I have re-tuned my television but when I switch it off it is not storing the channels. | Complete a first time installation, please refer to the set-up menu section of the manual of how to do this. |
| DVD | I have inserted a disc but it is not playing | 1) Ensure you have inserted put the disc in facing the correct way forward<br>2) Ensure the disc is clean and is not scratched<br>3) Some copied discs will not play.<br>4) Check the DVD is a region 2 disc – to change the region of the DVD player, refer to section 'Changing Regions'. |
| Game Consoles | I have connected my PS3 to the TV via HDMI, but I am not receiving any pictures or sound on my Television. | 1) Ensure the TVs source is on HDMI.<br>2) Check your settings on your PS3 are as per the PS3 instruction manual. |
| Game Consoles | I have connected my Xbox 360 to the TV via Component Cables (Red, Green & Blue) but I am not receiving any sound. | Component cables only provide HD Pictures. For the sound you will need to connect the Red & White audio cables on the Xbox to the Red & White phono inputs on the rear of the TV. Please refer to the 'Connections' pages. |
| USB Mode | I have inserted a USB Memory Key, but the TV does not recognise it. | Ensure the USB Memory Key is formatted to type FAT32. |
| USB Mode | Using a USB portable hard drive. | If you wish to use a portable hard drive larger than 32GB, please note that it must be formatted to the FAT32 file system in order to operate on this TV. Windows XP/Vista computers are only capable of formatting up to 32GB, therefore, you will need a software programme/utility to format larger hard drives. Please refer to the web site for more information. |
| System Lock | I have changed the password on the television and now forgotten it. | There is a master password of 4711, to gain access to the TV menu and reset the normal password. |

Notice: The supplier may change the software and on screen graphics without notice.

# Technical specification

| Model | 23/157J-GB-3B-HKDU-UK |
|---|---|
| Screen size (diagonal) | 23"/58cm |
| Resolution | 1366 x 768 |
| PC RGB | YES |
| RF | 75 ohm- aerial/PAL-SECAM |
| Video Inputs | 2 x HDMI, 1 x VGA/PC, 1 x Composite/Video, 1 x Component/YPbPr |
| Sound Inputs | 1 x 3.5mm jack for PC audio input, 1 x pair RCA Audio input shared for Video and YPbPr (component) |
| Sound Outputs | 1 x COAX – audio output, 1 × output for headphones |
| USB Port | 1 |
| Sound power, watts | 2 x 3 |
| Voltage and power consumption | 110-240 V 50/60 Hz 25/50W  (Ecohome/Max) (in standby mode less than 0,5 W) |
| Dimensions including stand (mm) | 575W x 396H x 150D |
| Net weight (Kgs) | 6.5 |

| Media | File Ext. | Codec | | |
|---|---|---|---|---|
| | | Video | Audio | |
| Movie | .mpg | Mpeg-1, Mpeg-2 | MP3, WMA | Max Resolution: 1920x1080 Max Data rate: 40Mbps |
| | .avi | Xvid, MJPEG, MPEG-4 SP/ASP | | |
| | .ts | Mpeg-2 | | Max Resolution: 1920x1080 Max Data rate: 40Mbps |
| | .mov | Mpeg-4 SP/ASP | | |
| | .mkv | | | |
| | .dat | Mpeg-1 | | |
| | .mp4 | Mpeg-1, Mpeg-2 | | Max Resolution: 1024x768 Max Data rate: 40Mbps |
| Music | .vob | Mpeg-2 | | |
| | .mp3 | - | MP3 | Sample Rate 16K-48KHz Bit rate: 32K - 442Kbps |
| | .wma | - | WMA | |
| Picture | .jpg | Progressive JPEG | | Max Resolution: 1024x768 |
| | .jpeg | Baseline JPEG | | Max Resolution: 8192x8192 |
| | .bmp | BMP | | Max Resolution: 6500x6500 |

# Index

CE